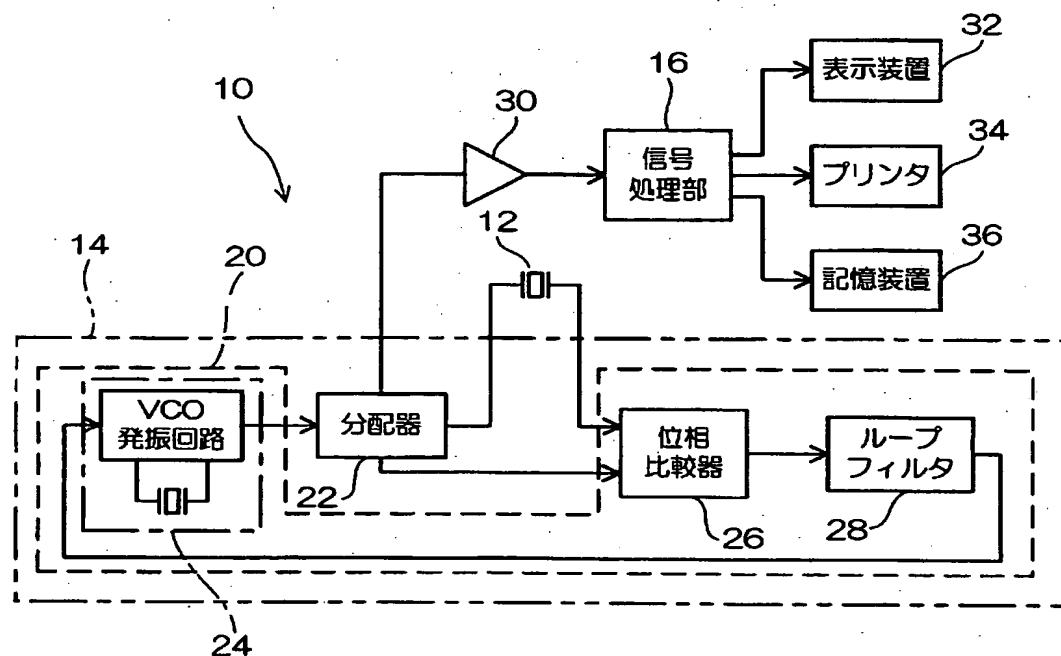


図 1



10:質量測定装置  
12:質量測定用圧電振動片  
14:励振回路  
16:信号処理部  
20:PLL回路  
24:電圧制御発振器

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図 2

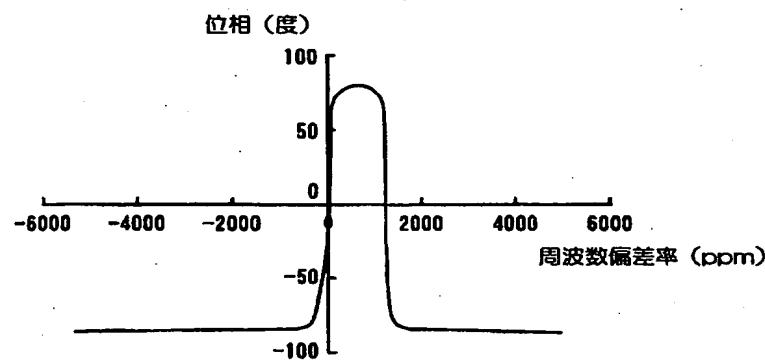
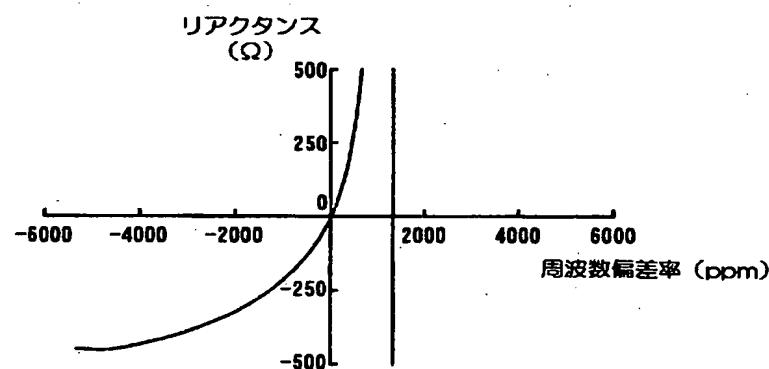


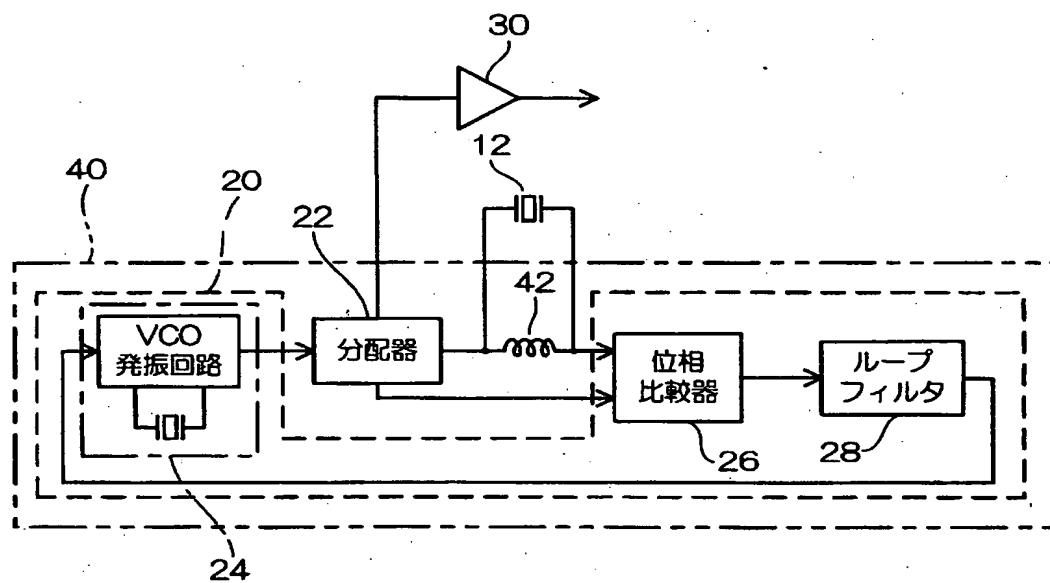
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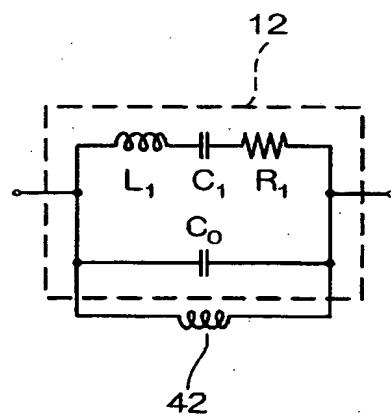
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図 4

(1)



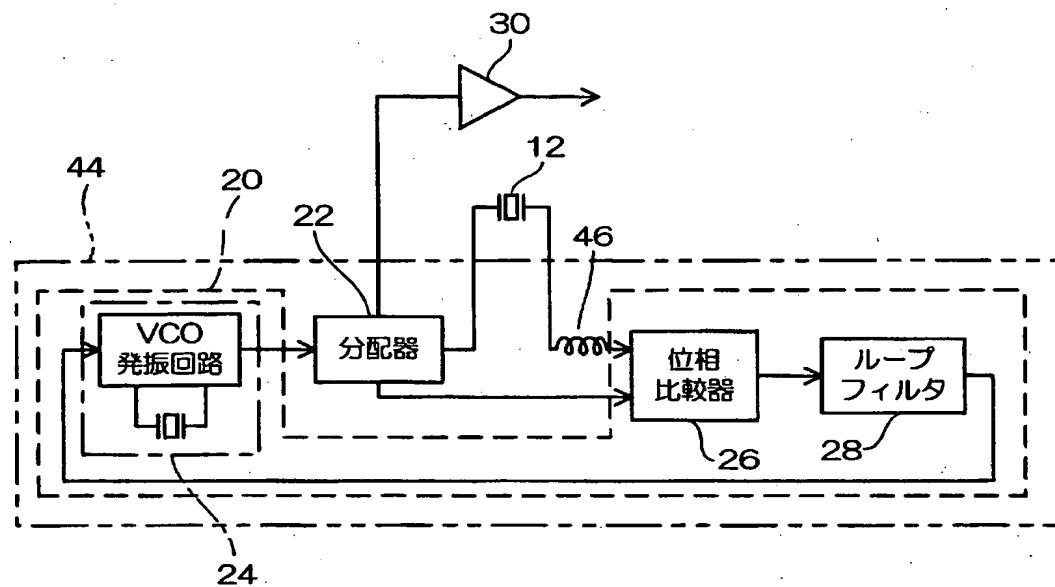
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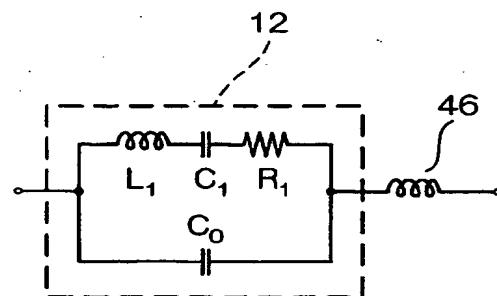
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図 5

(1)

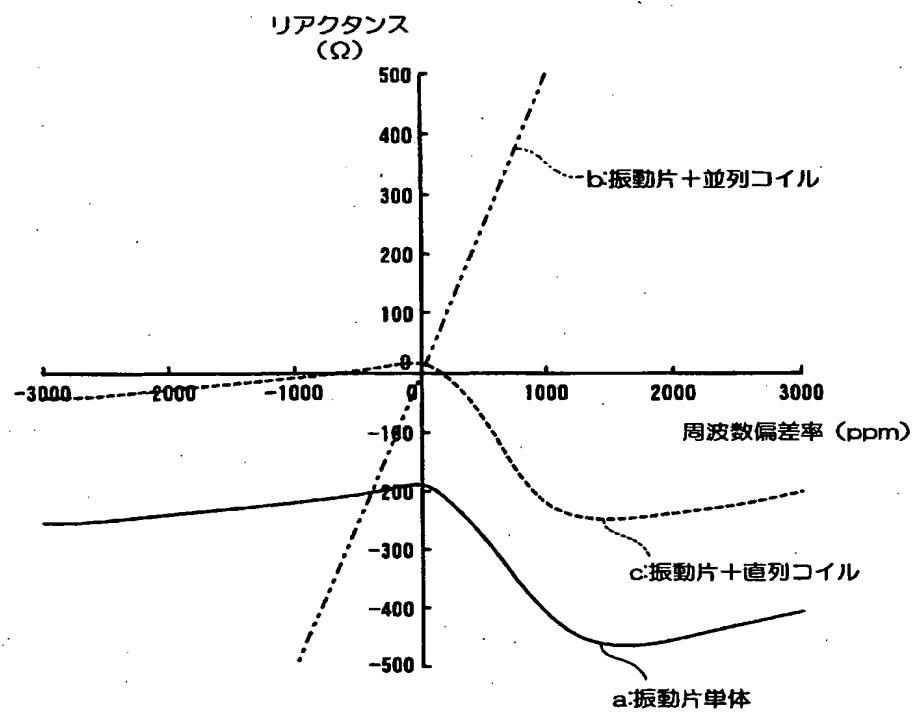


(2)



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図 6



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図 7

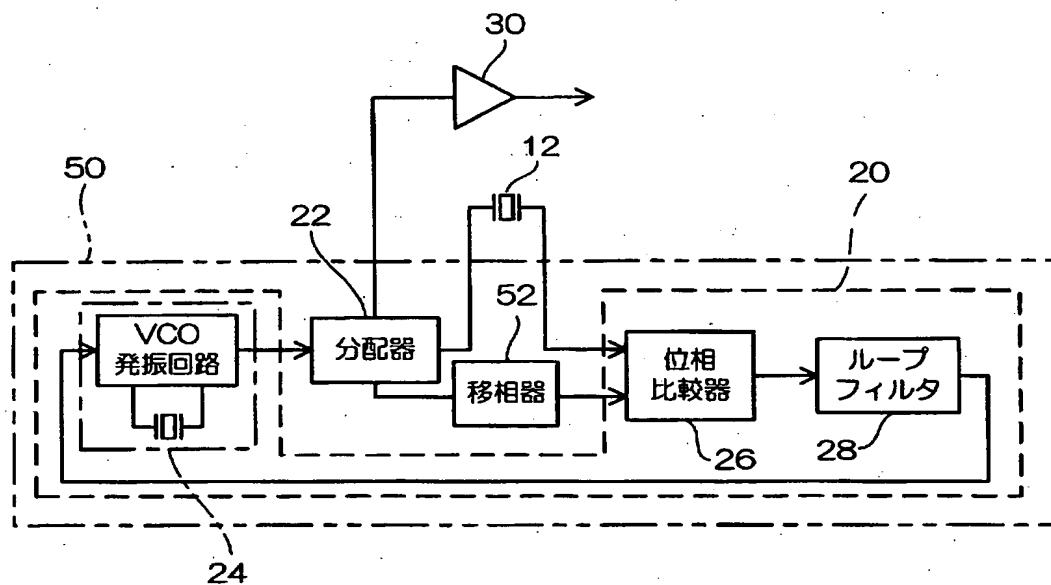
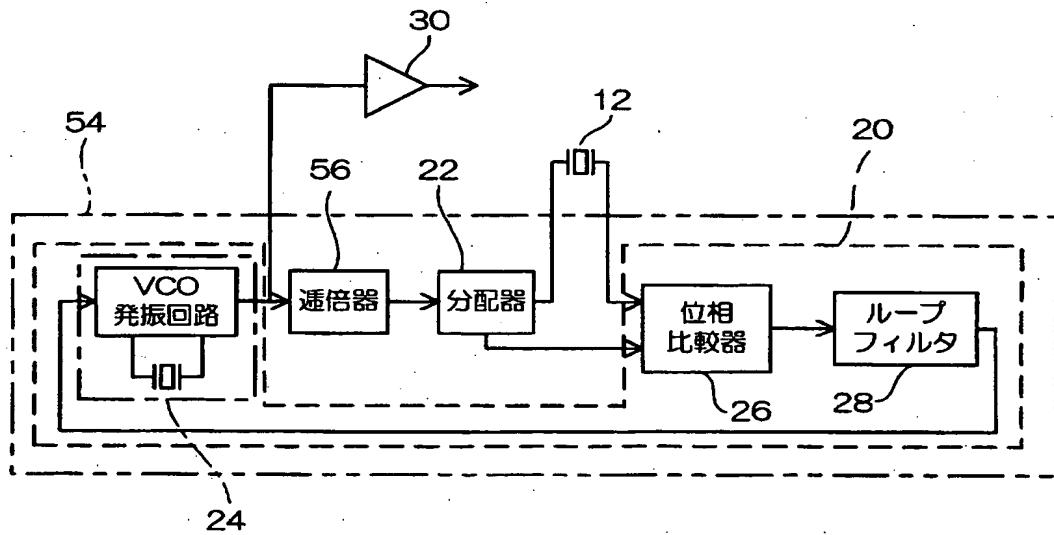


図 8



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図 9

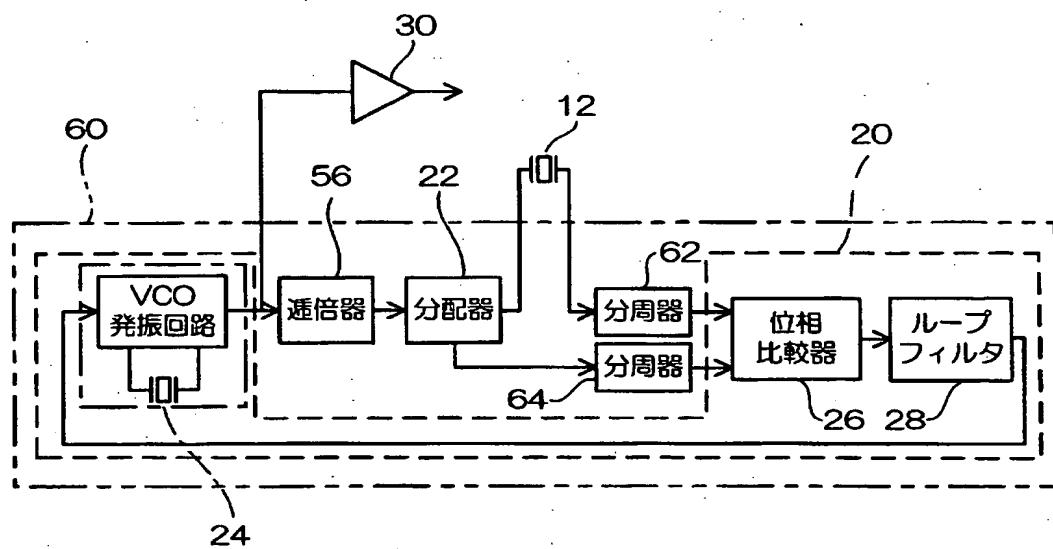
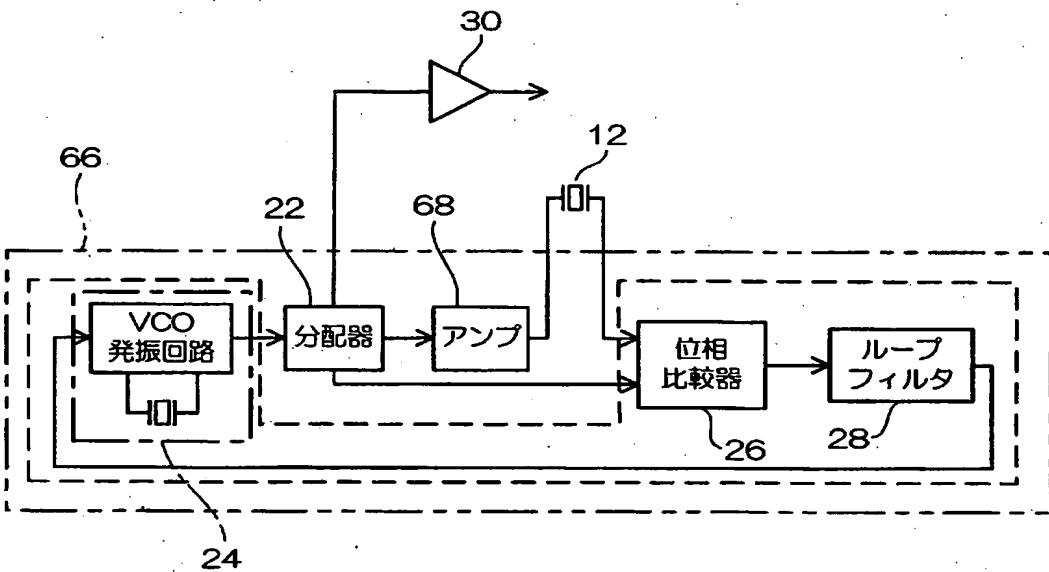


図 10



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図 1 1

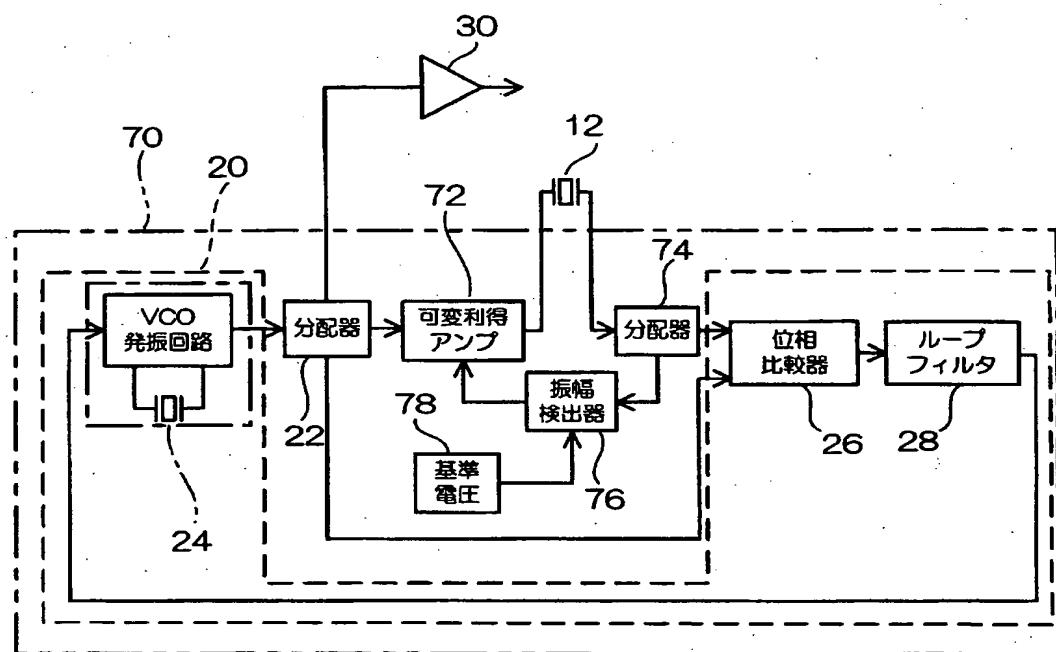
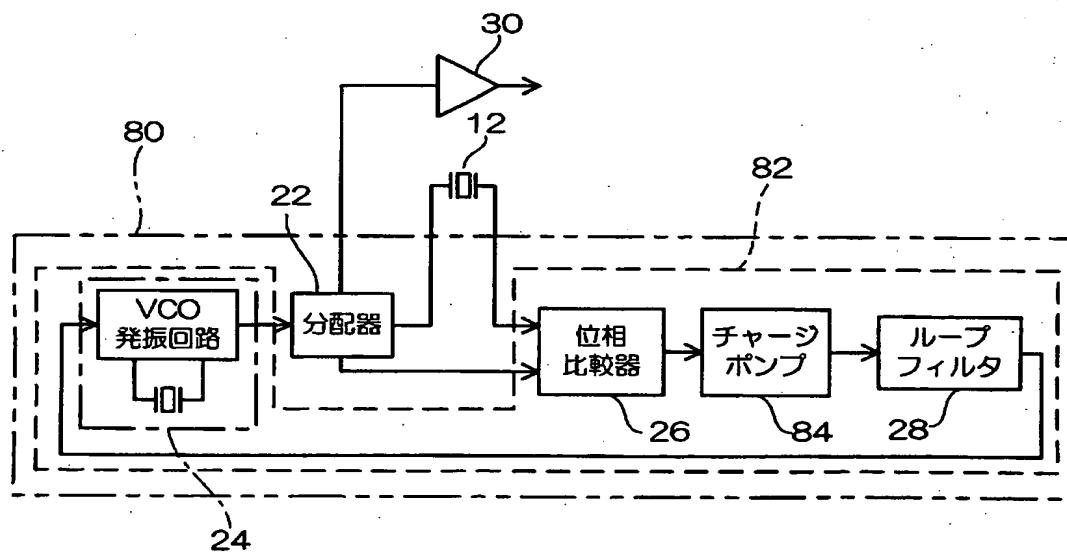


図 1 2



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図 1 3

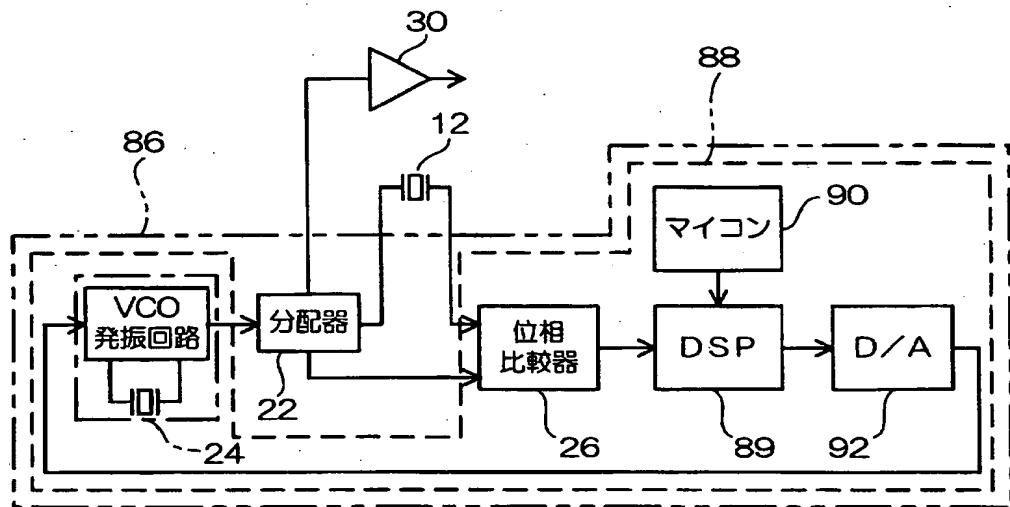
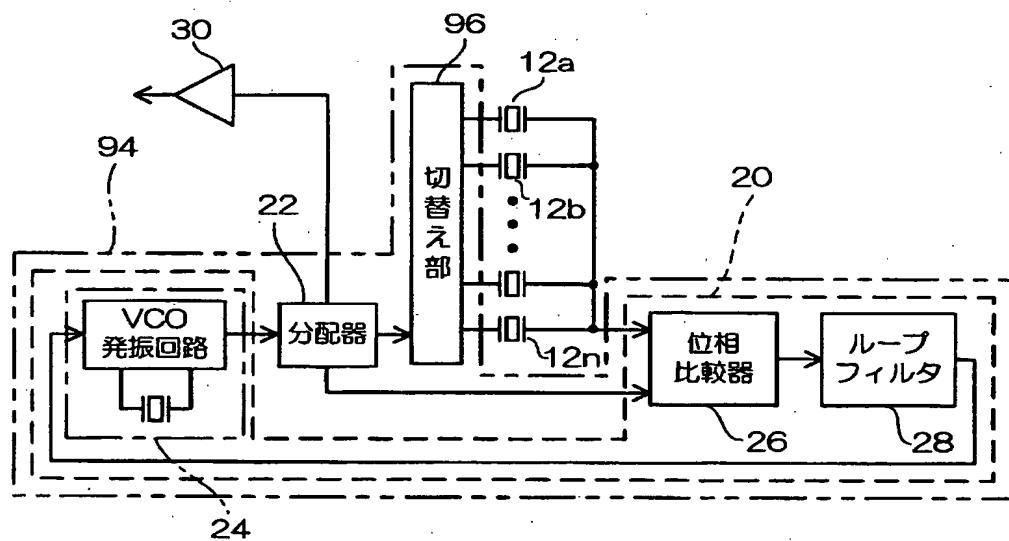


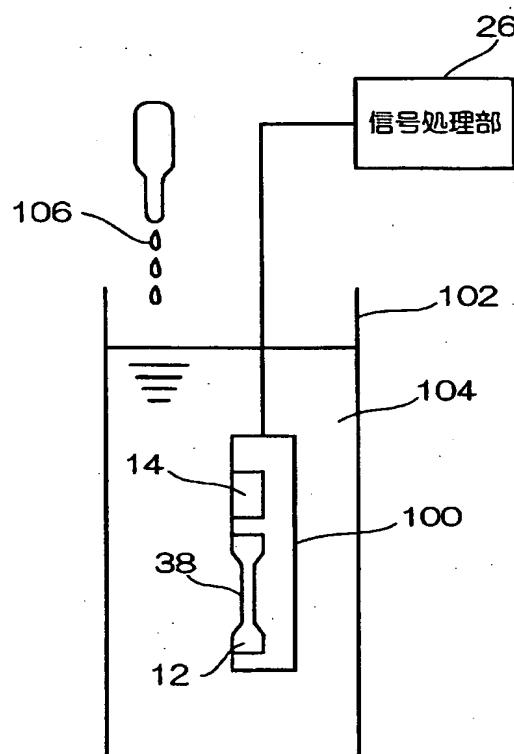
図 1 4



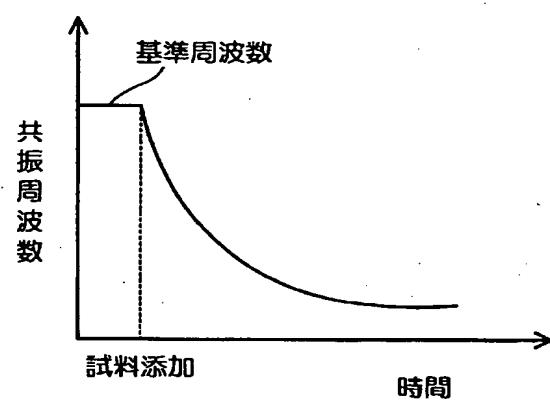
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図 1 5

(1)

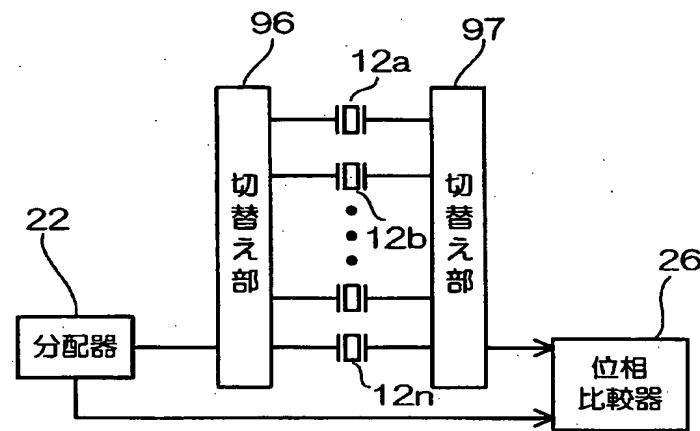


(2)



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図 1 6



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図 17

